



**tynetec**

Trusted Technology. Caring for People

Local Care Alarms

Assistive Technology

Access Control

Warden Call

Trusted Technology

Wireless Nurse Call

Telehealth

At Home Alarms

Caring for People

Touch Screen

Concierge

Telecare

Software Solutions

Telecare & Telehealth Product Range



<b>CONTENTS</b>	<b>PAGE</b>
<b>Reach &amp; Touch</b> – at home alarm unit & personal pendant for Telecare applications	<b>3</b>
<b>SayPhone 21</b> – at home alarm unit for Telecare and Telehealth applications	<b>4</b>
<b>SayPhone v2</b> – at home alarm unit for Telecare applications	<b>5</b>
<b>Personal Safety Kit</b> – for applications including Domestic Violence	<b>5</b>
<b>Advent xt Warden Call</b> - alarm call and Telecare system for grouped housing schemes	<b>6</b>
<b>Carer Response Unit</b> - portable alarm for local care environments	<b>7</b>
<b>Altera Care Software</b> - for Telecare and Telehealth data analysis	<b>7</b>
<b>Telecare Sensors</b> - devices for Reach, SayPhone, Advent xt & Altec Response	<b>8</b>
Touch Pendant / Personal Pendant / Pendant Aid	8
Ceiling Pullcord Switch	9
Fall Detector	9
Big Button Switch	9
Air Activated Switch	9
Panic Button / Attack Pendant / Bogus Caller Button	10
Electrical Usage Monitor	10
Smoke Detector / Heat Detector	11
Temperature Extremes Sensor / Smart House Controller	11
Ambient Temperature Monitor	12
Gas Detector / Carbon Monoxide Detector	12
Combined Gas & Carbon Monoxide Detector	13
Flood Detector / PIR Movement Detector	13
Door Contacts / Door Contacts & Isolation Keyswitch	14
Door Entry / Exit Sensor	14
Door Alarm Timeclock	15
Sensor Controller	15
Bed Sensor	15
Chair Sensor	16
Pressure Mat	16
Door Contacts	16
Double Adapter	16
Remote Controlled Mains Switcher Kit	17
Universal Transmitter Module	17
Unboxed Transmitter Module	17
Automatic Pill Dispenser	18
Enuresis Sensor	18
Epilepsy Monitor (Sensorium) / Epilepsy Monitor (Alert IT)	18
Epilepsy Monitor (Emfit)	19
R.N.I.D. Smoke Alarm Kit	19
Strobe Light / Vibrating Pad	19
<b>Radio Pager / Transmitter</b>	<b>20</b>
<b>Telehealth Product Range</b>	<b>20</b>
Telehealth Interface including Diabetes Monitor	20
Precision Weight Scale	21
Blood Pressure Monitor	21
Pulse Oximeter Sensor	21
<b>SayPhone Accessories</b>	<b>22</b>
Safe Call	22

## REACH AT-HOME ALARM UNIT AND TOUCH PERSONAL PENDANT

The **Reach** at-home alarm unit brings together the most sophisticated electronics with **cutting edge design** and **customer flexibility**. Not only does the Reach offer fantastic features and benefits such as **compatibility with up to 32 telecare devices** as standard but the Reach is also being offered in a choice of **Black or White** for ultimate customer satisfaction.

The Reach is also **compatible with all of the latest alarm receiving centres**

### Reach Features;

- ⚡ Integral 169MHz Class 1 Receiver
- ⚡ Next Generation Network compatible
- ⚡ Horizontal / Vertical & Wall Mounted Installation Options
- ⚡ Stand with cable management
- ⚡ Simple installation using polarised & colour coded plug-in leads
- ⚡ 3 metre mains and BT leads provided
- ⚡ Fully programmable using on board membrane keypad
- ⚡ Large illuminated alarm call button
- ⚡ Illuminated function buttons
- ⚡ Front panel status LED
- ⚡ Voice reassurance messages
- ⚡ High quality digital speech (5 volume levels)
- ⚡ 12 or 24 hour activity monitoring mode (PIR required)
- ⚡ Away mode
- ⚡ Intruder alarm mode (PIR required)
- ⚡ 2 Hardwired Inputs (programmable device type & location)
- ⚡ Memory for up to 32 Telecare Sensors
- ⚡ Manual or auto-learn mode for radio devices
- ⚡ USB data communications port
- ⚡ Speakerphone Mode
- ⚡ Telephone Line Failure Alert
- ⚡ Mains Supply Failure Alert
- ⚡ Low Battery Warning
- ⚡ Mains supply and telephone line fault monitoring
- ⚡ 24 hour battery standby with intelligent charging and daily self-test
- ⚡ BS8521 & TT data protocols
- ⚡ Compatible with all the latest monitoring centres
- ⚡ Supplied with 1 Personal Touch Pendant including wearing options
- ⚡ Dimensions: 150 mm x 220 mm x 55 mm (HxWxD)



### Options;

- ZXT500 Reach At-Home Alarm Unit (Black) with Touch Pendant
- ZXT510 Reach At-Home Alarm Unit (White) with Touch Pendant

From concept to industrialisation, the **Touch** personal pendant has been designed with the user in mind. **Total flexibility** is delivered via **multiple wearing options** which are simple to switch between and for those who are concerned about being labeled as vulnerable or at risk; the new **sleek black and silver design** eliminates the red button stigma.

### Touch Features;

- ⚡ Fully sealed waterproof case
- ⚡ Neck cord anti-strangle safety device
- ⚡ Wrist strap & belt clip options supplied as standard
- ⚡ Flashing red LED for re-assurance
- ⚡ 3-5 years battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Includes a suction cup for use in a shower / bathroom environment
- ⚡ Part No. ZXT600 Touch Pendant with wearing options



## SAYPHONE 21 AT-HOME ALARM

The SayPhone 21 At-Home alarm unit offers true Telecare facilities by storing all alarm call and activity data in local memory. This data can be downloaded using its built-in high speed modem and analyzed remotely using Tynetec's Altera Care software.

The SayPhone 21 also retains the alarm signaling capabilities of traditional dispersed alarm units to ensure **compatibility with all existing Alarm Receiving Centre's**.

### SayPhone 21 Features;

- ⚡ Table mounting unit – optional wall mounting plate
- ⚡ Simple installation using polarized plug-in leads
- ⚡ 3 metre mains and BT leads provided
- ⚡ Fully programmable with easy-to-navigate text menus
- ⚡ 2 line x 16 character backlit LCD display
- ⚡ Large illuminated alarm call button & front panel status LED
- ⚡ Voice reassurance messages
- ⚡ High quality half duplex or VOX speech (5 volume levels)
- ⚡ Real time clock and daily alarm function with auto-BST
- ⚡ Activity monitoring & intruder alarm modes (PIR required)
- ⚡ 8 daily/weekly user recordable Reminder messages
- ⚡ 16 user recordable messages that can be assigned to inputs
- ⚡ 12 month/10,000 event alarm/activity log memory
- ⚡ 4 programmable hardwired inputs, 1 programmable output
- ⚡ Memory for up to 32 Telecare Sensors
- ⚡ Integral 169.48125 MHz Class 1FM Receiver
- ⚡ Integral V92 high speed modem with CLI monitor
- ⚡ RS485 data communications port
- ⚡ Mains supply and telephone line fault monitoring
- ⚡ 24 hour battery standby with intelligent charging and daily self test
- ⚡ BS8521 & TT data protocols
- ⚡ Supplied with 1 Personal Pendant
- ⚡ Dimensions: 145 x 235 x 75 mm (HxWxD)
- ⚡ Weight: 840 grams (inc batteries)



### SayPhone 21 Options;

- ZSA100 SayPhone 21 (standard)
- ZSA110 SayPhone 21 with integral Pullcord
- O03050 Wall Mounting Plate



### Other Options;

- ZSA200 Hardwired Input Lead
- ZSA210 Hardwired I/O Unit
- ZSA220 Monitored Hardwired I/O Unit
- W00409 ADSL Micro-filter
- W02100 GSM Base Station
- ZCS850 Big Button Telephone
- ZSA260 Safe Call Unit





## SAYPHONE V2 AT-HOME ALARM

The SayPhone v2 At-Home alarm unit is a fully featured responsive, dispersed alarm, **compatible with all existing Alarm Receiving Centre's**.

### SayPhone V2 Features;

- ⚡ Table mounting unit – optional wall mounting plate
- ⚡ Simple installation using polarized plug-in leads
- ⚡ 3 metre mains and BT leads provided
- ⚡ Fully programmable using standard BT type telephone
- ⚡ Large illuminated alarm call button & front panel status LED
- ⚡ Voice reassurance messages
- ⚡ High quality half duplex or VOX speech (5 volume levels)
- ⚡ 12 or 24 hour activity monitoring mode (PIR required)
- ⚡ Away mode (to temporarily disable activity monitoring)
- ⚡ Intruder alarm mode (PIR required)
- ⚡ 2 Hardwired Inputs (programmable device type & location)
- ⚡ Memory for up to 32 Telecare Sensors
- ⚡ Integral 169.48125 MHz Class 1FM Receiver
- ⚡ Manual or auto-learn mode for radio devices
- ⚡ USB data communications port
- ⚡ Mains supply and telephone line fault monitoring
- ⚡ 24 hour battery standby with intelligent charging and daily self test
- ⚡ BS8521 & TT data protocols
- ⚡ Supplied with 1 Personal Pendant
- ⚡ Dimensions: 145 x 235 x 75 mm (HxWxD)
- ⚡ Weight: 875 grams (inc batteries)



### SayPhone V2 Options;

ZSA400 SayPhone V2  
O03050 Wall Mounting Plate

### Other Options;

ZSA250 SayPhone V2 Hardwired Input Lead  
W00409 ADSL Micro-filter  
W02100 GSM Base Station  
ZCS850 Big Button Telephone  
ZSA260 Safe Call Unit



## PERSONAL SAFETY KIT

A complete package designed to provide a vulnerable person with the comfort and reassurance needed in a situation of Domestic Violence. Supplied in a discrete, ruggedized case for added security.

### Personal Safety Kit;

- ⚡ SayPhone 21 At Home Alarm Unit
- ⚡ GSM Base Station (Sim Free\*)
- ⚡ Attack Pendant
- ⚡ Panic Button
- ⚡ External Microphone
- ⚡ Ruggedized Protective Case
- ⚡ Part No. ZSA130
- ⚡ Dimensions: 360 x 270 x 160 mm (HxWxD)



## ADVENT xt WARDEN CALL SYSTEM

The Advent xt is an alarm and communication system designed specifically for grouped housing schemes. Used with the Altec range of Telecare Sensors and the optional Ethernet Interface Kit the Advent xt offers true Telecare facilities. All alarm call and activity data is stored on a local memory card, this data can be downloaded locally (or remotely via Broadband) and analyzed using Tynetec's Altera Care software.

The Advent xt also retains the alarm signaling capabilities of traditional warden call systems to ensure **compatibility with all existing Alarm Receiving Centre's**.

### Residents Intercom Features;

- ⚡ 1.7 metre alarm pullcord with 2 orange triangular grips
- ⚡ Tri-colour status LED indicator
- ⚡ Privacy mode with timed override on alarm
- ⚡ High quality digital speech
- ⚡ Message Waiting facility
- ⚡ Inputs for pullcords, smoke alarms & PIR movement detectors
- ⚡ 4 additional programmable inputs
- ⚡ Fully monitored data with fault reporting
- ⚡ Standard, PA, Extracare & Slave intercom options available
- ⚡ Dimensions: 180 x 115 x 50 mm (HxWxD)



### Controller Features;

- ⚡ Integral battery backed power supply unit
- ⚡ Digital Speech Processing (DSP)
- ⚡ Individual volume settings for each intercom
- ⚡ Telecom port for local DECT telephone system
- ⚡ PSTN port for traditional Alarm Receiving Centre's
- ⚡ BS8521 & TT data protocols
- ⚡ Memory for up to 2048 Altec Telecare Sensors
- ⚡ RS232 serial printer output for event logging
- ⚡ Real time clock with auto-BST adjustment
- ⚡ Up to 255 fully monitored network devices
- ⚡ Onsite programmable using a standard PC browser
- ⚡ All data backed-up on a removable Flash Memory Card

### Managers Telephone Features;

- ⚡ DECT cordless phones - 16 hrs talk time, 150 hrs standby
- ⚡ Hands-free, vibrate alert & headset options on DECT
- ⚡ Desk/wall mounted fixed telephones
- ⚡ PBX allows internal/external calls
- ⚡ CLI compatible
- ⚡ Backlit graphic display and volume control
- ⚡ Optional leather case, belt clip and safety line
- ⚡ DECT base station/repeater options to cover all sites



### Optional Features;

- ⚡ Up to 16 Digital Door Entry Panels
- ⚡ Up to 255 Door Entry Telephones
- ⚡ Manager Callpoints
- ⚡ Lift Car Callpoints
- ⚡ Miniature Desktop Printer
- ⚡ All Call Speech & Fire Alarm Tone
- ⚡ Up to 16 Network Receivers
- ⚡ Ethernet Interface Kit



## ALTEC RESPONSE PORTABLE ALARM UNIT

The Altec Response portable alarm unit provides a cost effective solution for the local care environment. Used with the Altec range of Telecare Sensors, the portable receiver unit will alert a local Carer to a triggered Telecare device without the need for a telephone line or control centre intervention.

### Altec Response Features;

- ⚡ Desktop/portable case
- ⚡ Visual and audible indication of alarm
- ⚡ Speech message identifies the alarm type & location
- ⚡ Volume control plus mute facility
- ⚡ Integral 9V PP3 rechargeable battery
- ⚡ Low battery warning
- ⚡ Supplied with plug-in mains charger
- ⚡ Compatible with Altec Telecare sensors
- ⚡ Typical radio range: 100 metres
- ⚡ Up to 32 radio devices
- ⚡ 57 device location messages (BS8521)
- ⚡ Capacity for up to 12 new radio devices
- ⚡ Free text field (16 chars) for new each radio device
- ⚡ Simple set-up via English text display menus
- ⚡ Multiple alarms can be scrolled/cleared in any order
- ⚡ Alarm log for last 128 events
- ⚡ Relay output with programmable activation time
- ⚡ Weight: 300 grams (inc battery)
- ⚡ Dimensions: 190 x 100 x 33 mm (HxWxD)



### Altec Response Options;

- ZAR100 Altec Response Unit
- Rubber Holder – P/No. W00445
- Perspex Desk/Wall Holder – P/No. W00446



## ALTERA CARE SOFTWARE

Altera Care Software is used to download and analyse all Telecare and Telehealth data stored in SayPhone 21 and Advent xt memory.

The SayPhone 21 uses a high speed modem connection over a standard PSTN line whereas the Advent xt system requires an ADSL Broadband connection.

All connections are password protected to ensure data integrity.

### V2.0 Software Features;

- ⚡ Compatible with Windows XP™ and Vista™
- ⚡ PC requires a 56K modem for SayPhone 21 downloads
- ⚡ PC requires an Ethernet Port for Advent xt downloads
- ⚡ Proxy Server set-up option
- ⚡ Easy to install
- ⚡ Downloads all system events and Telecare data
- ⚡ Compatible with Telehealth products
- ⚡ Filters to sort data by flat no. date range and device type
- ⚡ Allows graphing and analysis of all data
- ⚡ Data & graphs can be exported to other documents
- ⚡ Data can be saved for future analysis



## ALTEC TELECARE SENSORS

The Altec range of Telecare Sensors operates on the European 169MHz Social Alarms frequency. All Telecare Sensors are uniquely coded to allow simple registration and automatic device type recognition.

Most Telecare Sensors are battery powered - however some require connection to a 240V AC mains supply. The typical battery life stated for each device is based on normal use. Altec Telecare Sensors are compatible with Reach, SayPhone at-home alarms (v2/21 models), Advent xt warden call and Altec Response products.

The range of any radio device can be affected by the working environment - always perform several test calls during installation to ensure radio coverage. Tynetec operates a policy of continual product development and reserves the right to change the specification of equipment without notice.



## TOUCH PERSONAL PENDANT

From concept to industrialisation, the Touch personal pendant has been designed with the user in mind. Total flexibility is delivered via multiple wearing options which are simple to switch between and for those who are concerned about being labeled as vulnerable or at risk; the new sleek black and silver design eliminates the red button stigma.

### Features include;

- ⚡ Fully sealed waterproof case
- ⚡ Neck cord anti-strangle safety device
- ⚡ Wrist strap & belt clip options supplied as standard
- ⚡ Flashing red LED for re-assurance
- ⚡ 3-5 years battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Touch Personal Pendant Part No. ZXT600
- ⚡ Touch includes a suction cup for use in a shower / bathroom environment
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



PERSONAL  
WELLBEING

## PERSONAL PENDANT / TOUCH PERSONAL PENDANT

The Personal Pendant is worn on the person to allow an emergency alarm call to be made from anywhere in or around the home. In residential housing calls can be made from anywhere on the scheme. An alarm call is made by simply pressing the red button once - a flashing red LED provides the user with call reassurance. The Touch pendant offers users a stylish and modern alternative to a traditional red button.

### Features include;

- ⚡ Fully sealed waterproof case
- ⚡ Neck cord anti-strangle safety device
- ⚡ Wrist strap & belt clip options supplied as standard
- ⚡ 3-5 years battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Range: 75 metres (typical)
- ⚡ Personal Pendant Part No. ZXT405
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



PERSONAL  
WELLBEING

## PENDANT AID

The Pendant Aid can be fitted to any standard Personal Pendant to allow easier activation by users with limited dexterity.

### Features include;

- ⚡ Moulded from clear perspex
- ⚡ Weight: 25 grams (excluding Pendant)
- ⚡ Dimensions: 80 x 38 x 30 mm (HxWxD)
- ⚡ Pendant Aid Part No. E00505
- ⚡ Compatible with ZXT405 Personal Pendant (ordered separately)



PERSONAL  
WELLBEING



## CEILING PULLCORD SWITCH

Ceiling Pullcord switches can be fitted in bathrooms, alongside the bed or anywhere Personal Pendants are not usually worn. An alarm call is made by simply pulling the cord once – the cord is long enough to reach floor level. Pullcord switches are available as radio or hardwired.

### Features include;

- ⚡ 2.7 metre orange nylon cord
- ⚡ 2 triangular orange grips
- ⚡ 3-5 years battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 85mm diameter x 40 mm deep
- ⚡ Radio Pullcord Part No. ZXT435
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



PERSONAL  
WELLBEING

## FALL DETECTOR

The Fall Detector is worn on the person, this will automatically detect a fall and go into a pre-alarm period indicated by a fast beeps and a green flashing LED. If the unit is not returned to the vertical position during the pre-alarm period an emergency alarm call will be made after a short delay - the LED will flash red. A normal alarm call can be made at any time by pressing the red button.

### Features include;

- ⚡ Solid state dual axis accelerometer sensor
- ⚡ 5 user selectable levels of sensitivity
- ⚡ 3 event logs; impacts, pre-alarms & alarms
- ⚡ 6-12months battery life (typical) – user replaceable 3.6V Lithium
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 85 x 56 x 20 mm (H x W x D)
- ⚡ Weight: 68 grams
- ⚡ Range: 75 metres (typical)
- ⚡ Fall Detector Part No. ZXT410
- ⚡ Optional Pouch and Belt Part No. YW9952
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



PERSONAL  
WELLBEING

## BIG BUTTON SWITCH

The Big Button switch is a free-standing unit which can be placed on a tabletop within reach of the user. An emergency alarm call can be made by pressing the button. Simply rotate the cover to increase or decrease the actuation pressure.

### Features include;

- ⚡ Large momentary action pushbutton
- ⚡ 15 preset positions
- ⚡ 3-5 years battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Big Button Callpoint Part No. ZXT439
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Respons



PERSONAL  
WELLBEING

## AIR ACTIVATED SWITCH

The Air Activated switch can be used in wet areas such as swimming pools or Jacuzzi's. The actuator pad is connected via PVC tubing to a wall mounted switch plate.

### Features include;

- ⚡ Flexible PVC actuator pad with 2 metre long PVC tubing
- ⚡ Free standing or fixed (mounting plate supplied)
- ⚡ Actuator pad dimensions: 93mm diameter x 16mm deep
- ⚡ Air Activated Switch Part No. ZCS955 (includes actuator pad)
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response
- ⚡ Use with the Universal Transmitter Module for radio applications



PERSONAL  
WELLBEING

## PANIC BUTTON

The Panic Button is usually wall mounted in the hallway alongside the front door where it can easily be pressed if the resident feels threatened or uneasy with a visitor. When used with the SayPhone 21 it will initiate a "silent" alarm call to the Control Centre, when used with the Advent xt it will initiate an "attack" alarm call having priority over any other call in progress.

### Features include;

- ⚡ Momentary action pushbutton
- ⚡ Single gang pattress & surface backbox
- ⚡ Discreet – looks like a normal light switch
- ⚡ 3-5 years battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 87 x 87 x 40 mm (HxWxD)
- ⚡ Panic Button Part No. ZXT436
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



PERSONAL  
SECURITY

## ATTACK PENDANT

The Attack Pendant operates the same as the Panic Button described above but it can be carried on the person.

### Features include;

- ⚡ Fully sealed waterproof case
- ⚡ Neck Cord, Wrist strap & belt clip options supplied as standard
- ⚡ 3-5 years battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 57 x 34 x 16 mm (HxWxD)
- ⚡ Weight: 23 grams
- ⚡ Range: 75 metres (typical)
- ⚡ Attack Pendant Part No. ZXT406
- ⚡ Spare neck cord, wrist strap & belt clip kit Part No. O04210
- ⚡ Spare neck cord only Part No. O04215
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



PERSONAL  
SECURITY

## BOGUS CALLER BUTTON

The Bogus Caller Button is usually wall mounted in the hallway alongside the front door where it can easily be pressed if the resident feels threatened or uneasy with a visitor. When used with the SayPhone 21 it will initiate a "silent" alarm call to the Control Centre, when used with the Advent xt it will initiate an "attack" alarm call having priority over any other call in progress.

### Features include;

- ⚡ Wall Mountable
- ⚡ 3-5 years battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Bogus Caller Button Part No. ZXT443
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



PERSONAL  
SECURITY

## ELECTRICAL USAGE MONITOR

The Electrical Usage Monitor can be used for lifestyle activity monitoring. As an example, a kettle could be plugged into the unit and every time a user switches it on, a record of the activity can be stored on either the SayPhone 21 or Advent xt system. The data can then be extracted using Tynetec's Altera Care Software.

### Features include;

- ⚡ Suitable for appliances rated between 250W and 3000W
- ⚡ Low battery reporting
- ⚡ Fits into a standard UK, 3 pin plug socket
- ⚡ Part No. ZXT471



ENVIR.  
SAFETY

## SMOKE DETECTOR

Smoke Detectors should be ceiling mounted in hallways, living rooms or bedrooms, they are not suitable for the kitchen or bathroom. When activated a local alarm will sound and an alarm call will be transmitted. The Control Centre or Local Manager can speak with the resident and assess the risk before contacting the Emergency Services.

### Features include;

- ⚡ Photoelectric sensor / 85 dB sounder
- ⚡ Hush/Test button & status LED indicator
- ⚡ 10 years detector life (inc battery)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 86mm diameter x 58mm deep
- ⚡ Complies with BS EN 14604:2005 / Smoke Detector Part No. ZXT420
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



ENVIRONMENTAL  
SAFETY

## HEAT DETECTOR

Heat Detectors should be ceiling mounted in kitchens or areas with high levels of fumes or dust, they are not suitable for bathrooms or areas of high humidity. When activated a local alarm will sound and an alarm call will be transmitted. The Control Centre or Local Manager can speak with the resident and assess the risk before contacting the Emergency Services.

### Features include;

- ⚡ Fast responding Thermistor sensor
- ⚡ 85 dB sounder / Test Button and status LED indicator
- ⚡ 6-12 months battery life (typical) – user replaceable 9V PP3
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 120 x 135 x 55 mm (HxWxD)
- ⚡ Complies with BS 415: 1990 / Heat Detector Part No. ZXT421
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



ENVIRONMENTAL  
SAFETY

## TEMPERATURE EXTREMES SENSOR

The Temperature Extreme Sensor should be wall mounted in the hallway or living room away from any draughts or heat sources. This will provide early warning of extreme low or high household temperatures which could result in the occupier suffering hypothermia or dehydration. In addition, the building will also be protected against burst pipes or potential fire hazards.

### Features include;

- ⚡ Lower alarm temperature: <5°C for 30 minutes
- ⚡ Upper alarm temperature: >30°C for 5 minutes
- ⚡ Rate of rise alarm temperature: 8°C per minute
- ⚡ 6-12 months battery life (typical) – user replaceable 3.6V Lithium
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 84 x 84 x 36 mm (HxWxD) / Temperature Extreme Sensor Part No. ZXT426
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



ENVIRONMENTAL  
SAFETY

## SMART HOUSE CONTROLLER

For those prone to forgetting to turn off their appliance, the Smart House Controller can be used with a variety of telecare sensors to automatically isolate a cooking appliance's electricity or gas supply.

### Features include;

- ⚡ Front Panel "Cooking Appliance On" indicator
- ⚡ IEC Outlet for 240V AC Gas Solenoid Valve
- ⚡ IEC Outlet for 240V Mains Contactor
- ⚡ DIN Socket for 12V DC Gas Detector
- ⚡ Smart House Controller Part No. ZCS823



ENVIRONMENTAL  
SAFETY

## AMBIENT TEMPERATURE MONITOR

The Ambient Temperature Monitor should be wall mounted in the hallway or living room away from any draughts or heat sources. When used in conjunction with a PIR, this device can be used to assess whether a client is potentially at risk from hypothermia e.g. if they are not using their central heating system at night or during winter months. The unit will generate a warning signal should the temperature drop below 16°C and will activate an alarm condition should the temperature fall below 10°C for 30 minutes.

### Features include;

- ⚡ Solid state temperature sensing element
- ⚡ Lower alarm temperature: <10°C for 30 minutes
- ⚡ Upper temperature threshold: 16°C
- ⚡ 6-12 months battery life (typical) – user replaceable 3.6V Lithium
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 84 x 84 x 36 mm (HxWxD)
- ⚡ Ambient Temperature Monitor No. ZXT442
- ⚡ Compatible with SayPhone21, Advent xt & Altec Response



ENVIRONMENTAL  
SAFETY

## GAS DETECTOR

Gas Detectors should be wall mounted above door height in the kitchen, living room or anywhere with a gas appliance. Do not fit in bathrooms, directly above cookers or in draughty areas. If a dangerous level of gas is detected a local alarm will sound and an alarm call will be transmitted. A gas shut-off valve can also be activated.

### Features include;

- ⚡ Semiconductor sensing element
- ⚡ 85 dB sounder, power & alarm LED indicators
- ⚡ Complete with 5m mains cable and 3 pin plug
- ⚡ 7 Watts power consumption
- ⚡ 3-5 years detector life (inc transmitter battery)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 120 x 110 x 60 mm (HxWxD)
- ⚡ Complies with BS 7348
- ⚡ Gas Detector Part No. ZXT423
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



ENVIRONMENTAL  
SAFETY

## CARBON MONOXIDE DETECTOR

Carbon Monoxide Detectors should be wall mounted above door height in rooms that contain a fuel burning appliance. Do not fit in bathrooms, directly above cookers or in draughty areas. If a dangerous level of carbon monoxide is detected a local alarm will sound and an alarm call will be transmitted.

### Features include;

- ⚡ Electrochemical Cell sensor
- ⚡ 85 dB sounder, power, fault & alarm LED indicators
- ⚡ Test/Hush button
- ⚡ Monthly self test & fault warning feature
- ⚡ 3-5 years detector life (inc battery)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 145 x 80 x 50 mm (HxWxD)
- ⚡ Complies with BS EN 50291: 2001
- ⚡ Carbon Monoxide Detector Part No. ZXT422
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



ENVIRONMENTAL  
SAFETY



## COMBINED GAS & CARBON MONOXIDE DETECTOR

Combined Gas & Carbon Monoxide Detectors should be wall mounted above door height in all rooms that contain a fuel burning appliance. Do not fit in bathrooms, directly above cookers or in draughty areas. If a dangerous level of gas or carbon monoxide is detected a local alarm will sound and an alarm call will be transmitted.

### Features include;

- ⚡ Gas - Nemoto Catalytic sensor
- ⚡ CO - Electrochemical Cell sensor
- ⚡ 85 dB sounder, power, fault, gas & CO alarm LED indicators
- ⚡ Complete with 5m mains cable and 3 pin plug
- ⚡ 1 Watt power consumption
- ⚡ 3-5 years detector life (inc transmitter battery)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 150 x 115 x 53 mm (HxWxD)
- ⚡ Combined Gas & CO Detector Part No. ZXT427
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



ENVIRONMENTAL  
SAFETY

## FLOOD DETECTOR

Flood Detectors should be located on the floor below the bath, wash basin or kitchen sink or anywhere a tap could be left running. Flood Detectors can be free standing or screw fixed to the skirting. If a flood is detected an alarm call will be transmitted.

### Features include;

- ⚡ Moisture Bridge Sensor
- ⚡ Activated LED indicator
- ⚡ 3-5 years battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 50 x 95 x 18 mm (HxWxD)
- ⚡ Flood Detector Part No. ZXT424
- ⚡ Flood Detector with Mounting Bracket Part No. ZXT428
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



ENVIRONMENTAL  
SAFETY

## PIR MOVEMENT DETECTOR

PIR Movement Detectors should be wall mounted at high level in the hallway or living room to monitor movement within the dwelling. PIR's can be used for activity monitoring or intruder detection; Activity Mode; if no movement is detected within a preset period an "inactivity" alarm call will be transmitted.

Intruder Mode; if movement is detected an "intruder" alarm call will be transmitted.

### Features include;

- ⚡ Passive Infra Red sensor
- ⚡ Walk Test LED indicator
- ⚡ Switchable 1 or 3 minute mask to prolong battery life
- ⚡ Pet Alley option to prevent false calls from pets
- ⚡ 1-2 year battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 122 x 72 x 56 mm (HxWxD)
- ⚡ PIR Movement Detector Part No. ZXT475
- ⚡ Compatible with Reach, SayPhone and Advent xt systems



ENVIRONMENTAL  
SAFETY

## DOOR CONTACTS

The Door Contacts can be used to monitor any controlled door. If the door is opened an alarm call will be transmitted immediately.

### Features include;

- ⚡ Surface mount single gang pattress
- ⚡ N/O surface mount door contacts supplied
- ⚡ 6-12 months battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: : 87 x 87 x 40 mm (HxWxD)
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response
- ⚡ Part No. ZXT444



PERSONAL SAFETY  
AND SECURITY

## DOOR CONTACTS & ISOLATION KEYSWITCH

The Door Contacts can be used to monitor any controlled door. If the door is opened with the keyswitch in the "Normal" position an alarm call will be transmitted. If the door needs to be opened for a genuine reason the keyswitch can be turned to the "Override" position.

### Features include;

- ⚡ Surface mount single gang pattress
- ⚡ 2 position Keyswitch (2 keys supplied)
- ⚡ Key removable in both positions
- ⚡ N/O surface mount door contacts supplied
- ⚡ 6-12 months battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: : 87 x 87 x 40 mm (HxWxD)
- ⚡ Door Alarm & Keyswitch Part No. ZXT438
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



PERSONAL SAFETY  
AND SECURITY

## DOOR ENTRY / EXIT SENSOR

The Keypad should be wall mounted within the dwelling with the contacts wired to the door and the mains adapter plugged into a 13A socket. Before the Carer leaves they enter a code to start the exit time period. When the exit time period expires the door is armed. When the door is opened the entry time period starts. If the code is not entered within the entry time an alarm call will be transmitted.

### Features include;

- ⚡ Programmable 4 digit arm/disarm code
- ⚡ Programmable entry & exit times
- ⚡ Integral entry/exit sounder
- ⚡ Instant alarm zone option
- ⚡ Flip-cover & illuminated keypad
- ⚡ Test facility
- ⚡ Supplied with mains adapter & door contacts
- ⚡ 3-5 years transmitter battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Dimensions: 135 x 90 x 27 mm (HxWxD)
- ⚡ Door Exit Sensor Part No. ZXT433
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



PERSONAL SAFETY  
AND SECURITY

## DOOR ALARM TIMECLOCK

The Door Alarm Timeclock can be used to define the times throughout the day, when a door is allowed to be opened or when it must be secured. If a door is opened during a secure time period, an alarm call will be initiated.

### Features include;

- ⚡ Programmable by individual day
- ⚡ Override button
- ⚡ 6-12 months battery life (typical)
- ⚡ Low battery reporting
- ⚡ Timed Door Contacts Part No. ZXT470
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



PERSONAL  
SAFETY AND  
SECURITY

## SENSOR CONTROLLER

The Sensor Controller can be used with a Bed Sensor, Chair Sensor, Pressure Mat or Door Contact. If a person gets into bed/sits in their chair, then gets up again and does not return within the preset time an alarm call will be transmitted. Lamps etc. can be turned on/off automatically using a Remote Controlled Mains Switcher Kit or X10 system.

### Features include;

- ⚡ Real time clock with auto BST update
- ⚡ Configurable monitoring periods
- ⚡ User definable time-out options
- ⚡ LED display
- ⚡ Quick setup function
- ⚡ Home / away modes
- ⚡ Carer call button
- ⚡ Test Mode
- ⚡ Integrated X10 compatibility
- ⚡ Supplied with rechargeable battery and 240V AC adaptor
- ⚡ Low battery reporting
- ⚡ Dimensions: 190 x 100 x 33 mm (HxWxD)
- ⚡ Sensor Controller Part No. ZXT450
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



FALLS  
MANAGEMENT

## BED SENSOR

The Bed Sensor should be positioned across the width of the bed between the mattress and the base. Monitoring periods are set on the Sensor Controller. If the person gets into bed, then gets out again and does not return within the preset time an alarm call will be transmitted. A bedside lamp can be turned on/off automatically using a Remote Controlled Mains Switcher Kit or X10 system. All "in-bed" and "out-of-bed" activity is transmitted and logged.

### Features include;

- ⚡ Bed sensor dimensions: 650 x 130 mm
- ⚡ 2 metre lead with locking plug-in connector
- ⚡ Double adapter available for 2 sensors per bed
- ⚡ Fully adjustable sensitivity
- ⚡ Bed Sensor Part No. ZCS844
- ⚡ Compatible with Tynetec Sensor Controller



FALLS  
MANAGEMENT

## CHAIR SENSOR

The Chair Sensor should be positioned under the seat cushion, monitoring periods are set on the Sensor Controller. If a person sits down, then gets up again and does not return within the preset time an alarm call will be transmitted. A table lamp can be turned on/off automatically using a Remote Controlled Mains Switcher Kit or X10 system. All "in-chair" and "out-of-chair" activity is transmitted and logged.

### Features include;

- ⚡ Chair sensor dimensions: 325 x 130 mm
- ⚡ 1.5 metre lead with locking plug-in connector
- ⚡ Double adapter available for 2 sensors per chair
- ⚡ Fully adjustable sensitivity
- ⚡ Chair Sensor Part No. ZCS859
- ⚡ Compatible with Tynetec Sensor Controller



FALLS  
MANAGEMENT

## PRESSURE MAT

The Pressure Mat should be positioned under the carpet or rug, monitoring periods are set on the Sensor Controller. All mat activations are transmitted and logged.

### Features include;

- ⚡ Pressure mat dimensions: 520 x 400 mm
- ⚡ 2 metre lead with locking plug-in connector
- ⚡ Double adapter available for 2 mats per dwelling
- ⚡ Pressure Mat Part No. ZCS857
- ⚡ Compatible with Tynetec Sensor Controller



FALLS  
MANAGEMENT

## DOOR CONTACTS

The Door Contacts should be fitted to the door being monitored, monitoring periods are set on the Sensor. Operation is the same as the Pressure Mat described above.

### Features include;

- ⚡ N/O surface mount magnetic door contacts
- ⚡ 2 metre lead with locking plug-in connector
- ⚡ Double adapter available for 2 sets of contacts per dwelling
- ⚡ Up to 6 monitoring periods per day
- ⚡ Door Contacts Part No. ZCS854
- ⚡ Compatible with Tynetec Sensor Controller



FALLS  
MANAGEMENT

## DOUBLE ADAPTER

The Double Adapter can be used to connect 2 Bed Sensors (i.e. in a double bed) or 2 Pressure Mats/Door Contacts to a single Sensor Controller.

### Features include;

- ⚡ Fully connected RJ45 splitter
- ⚡ Simple plug-in connection
- ⚡ Double Adapter Part No. P10285
- ⚡ Compatible with Tynetec Sensor Controller



DUAL SENSORS



## REMOTE CONTROLLED MAINS SWITCHER KIT

The Remote Controlled Mains Switcher Kit provides a means for the elderly or infirm to control electrical appliances at the touch of a button. The kit comprises 1 hand-held Remote Control and 3 plug-in Mains Switchers. The switchers can also be controlled automatically by the Sensor Controller to turn table lamps on/off. The kit is also available with an integral buzzer in Switcher "B" for use with the Pressure Mat or Door Contacts.

### Remote Control Features include;

- ⚡ Hand-held remote control for 3 mains switchers
- ⚡ Operating Frequency: 433.92 MHz
- ⚡ MPT1340 Licence Exempt

### Mains Switcher Features includes;

- ⚡ 240V/50Hz AC operating voltage
- ⚡ 13A/3000W maximum load
- ⚡ Fits standard 13A mains socket
- ⚡ Status LED indicator
- ⚡ 16 user selectable House Codes
- ⚡ Remote Controlled Mains Switcher Kit Part No. ZCS848
- ⚡ As above with integral buzzer in switcher "B" use Part No. ZCS858
- ⚡ Compatible with Tynetec Sensor Controller (or can be used on their own)



FALLS  
MANAGEMENT

## UNIVERSAL TRANSMITTER MODULE

The Universal Transmitter Module can be fitted alongside any device with a normally open or normally closed contact to initiate a wireless alarm.

### Features include;

- ⚡ User selectable device type
- ⚡ Triggered by momentary N/O or N/C clean contacts
- ⚡ Built in door contact option
- ⚡ 1-2 years battery life (typical)
- ⚡ Low battery reporting
- ⚡ Dimensions: 73 x 51 x 25 mm (HxWxD)
- ⚡ Universal Transmitter Part No. ZXT449
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



GENERAL  
ALARM

## UNBOXED TRANSMITTER MODULE

The Unboxed Transmitter Module can be fitted inside any device with a normally open clean contact output to initiate a wireless alarm.

### Features include;

- ⚡ PCB with Lithium battery and screw terminals on flying leads
- ⚡ Triggered by momentary N/O clean contacts
- ⚡ Factory programmed BS code & unique ID
- ⚡ 1-5 years battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ PCB dimensions: 48 x 25 x 10 mm (HxWxD)
- ⚡ Unboxed Transmitter Part No. E90085
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



GENERAL  
ALARM

## AUTOMATIC PILL DISPENSER

The Pill Dispenser will sound an alarm when it is time for the user to take their medication - If the pills are not taken from the dispenser within a preset period an alarm call will be transmitted. The Pill Dispenser will make the correct dosage available at the correct time each day whilst keeping the others locked out of sight. Pills "ready" and pills "taken" times are also transmitted and logged.

### Features include;

- ⚡ 1 to 28 day capacity - 1 to 28 doses per day
- ⚡ Lockable lid (supplied with 2 keys)
- ⚡ Audible alarm & flashing LED when pills "ready"
- ⚡ 12 months battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Pill Dispenser Part No. ZXT432
- ⚡ Spare Cassette Part No. W00359
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



PERSONAL  
WELLBEING

## ENURESIS SENSOR

The Enuresis Sensor comprises of a Bed Mat or Cotton Sheet and an Interface Unit. The Bed Mat or Cotton Sheet should be placed between the bottom sheet and the mattress with the cable plugged into the Interface Unit. If moisture is detected in the bed an alarm call will be transmitted.

### Features include;

- ⚡ Interface lead with locking plug-in connector
- ⚡ Activated LED indicator
- ⚡ 1-3 Years battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Enuresis Sensor including 1 foil bed mat - ZXT431
- ⚡ Enuresis Sensor including 1 cotton sheet - ZXT476
- ⚡ Spare Foil Mat Part No. E00369
- ⚡ Spare Cotton Sheet Part No. W00860
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



EXTRA CARE AND  
PERSONAL WELLBEING

## EPILEPSY MONITOR (SENSORIUM)

The Epilepsy Monitor bed sensor pads should be positioned under the mattress to detect arm and leg movements. If a Tonic Clonic seizure is detected in the bed an alarm call is transmitted.

### Features include;

- ⚡ 2 under mattress sensor pads
- ⚡ 3 sensitivity settings
- ⚡ Supplied with Mains Adapter
- ⚡ 3-5 Years Transmitter battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Epilepsy Monitor Part No. ZXT441
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



EXTRA CARE AND  
EPILEPSEY

## EPILEPSY MONITOR (ALERT IT COMPANION WITH SOUND OPTION)

A highly sensitive epilepsy sensor that can be placed under the mattress to analyse the frequency of movement and activate an alarm when appropriate. A microphone is also used to detect sharp gasps, clicks or groans (but is insensitive to background noise such as talking, TV's, radios or vacuum cleaners).

### Features include;

- ⚡ Mains powered with battery backup
- ⚡ 3-5 Years Transmitter battery life (typical)
- ⚡ Low battery reporting
- ⚡ Includes microphone option as standard
- ⚡ Part No. ZXT477
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



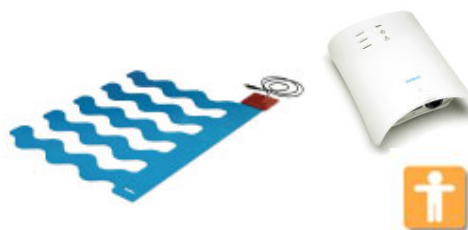
EXTRA CARE AND  
EPILEPSEY

## EPILEPSY MONITOR (EMFIT)

The Emfit Epilepsy Monitor can be used with either a Bed Mat or Chair Mat. It is designed to detect a patient's arm and leg movements resulting in an alarm signal being initiated.

### Features include;

- ⚡ Mains powered with battery backup
- ⚡ Carer reset required
- ⚡ 3-5 Years Transmitter battery life (typical)
- ⚡ Low battery reporting
- ⚡ Epilepsy Monitor with Bed Mat Part No. ZXT447
- ⚡ Epilepsy Monitor with Chair Mat Part No. ZXT448
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



EXTRA CARE AND  
EPILEPSEY

## R.N.I.D. SMOKE ALARM KIT

The R.N.I.D. Smoke Alarm Kit is designed exclusively for deaf and hard of hearing people. If a fire is detected the Smoke Alarm sounds, the Strobe Light flashes, the Pillow Pad vibrates and an alarm call is transmitted. The Control Centre or Local manager can assess the risk before contacting the Emergency Services.

### Features include;

- ⚡ Optical smoke detector with integral sounder
- ⚡ Table/wall mount unit with integral strobe
- ⚡ 100mm diameter vibrating pillow pad
- ⚡ Fault monitoring with LED status indication and Test button
- ⚡ Plug-in mains adapter with 100 hours battery standby
- ⚡ 3-5 years Transmitter battery life (typical)
- ⚡ Daily battery self test & low battery reporting
- ⚡ Complies with BS5446-3:2005
- ⚡ R.N.I.D. Smoke Alarm Kit Part No. ZXT437
- ⚡ Compatible with Reach, SayPhone, Advent xt & Altec Response



HEARING  
IMPAIRMENT

## STROBE LIGHT

A flashing Strobe Light is used to alert hard of hearing residents when the Local Manager or Control Centre is trying to contact them.

### Features include;

- ⚡ Wall mounted enclosure: 110mm diameter x 70mm deep
- ⚡ 50mm diameter blue strobe light
- ⚡ Triggered automatically by a call to an Advent xt intercom
- ⚡ Flash duration: 20 seconds
- ⚡ Advent xt Strobe Light Part No. ZSL045
- ⚡ Compatible with Advent xt systems only



HEARING  
IMPAIRMENT

## VIBRATING PAD

The Vibrating Pad can be used under a pillow or cushion to alert hard of hearing residents when the Local Manager or Control Centre is trying to contact them.

### Features include;

- ⚡ 100mm diameter vibrating pad
- ⚡ 1.5 metre lead with locking jack plug
- ⚡ Supplied with single gang wall plate & jack socket
- ⚡ Triggered automatically by a call to an Advent xt intercom
- ⚡ Connects to Strobe Light or separate interface board
- ⚡ Vibrating Pad Part No. W00360
- ⚡ Optional interface (if used without strobe) Part No. A00452
- ⚡ Compatible with Advent xt systems only



HEARING  
IMPAIRMENT

## PERSONAL PAGER SYSTEM

Tynetec are able to offer a range of Sensory Impairment Products that are compatible with the Altec Response product. The Sarabec LISA pager system when triggered sends a signal via radio waves to the vibrating pager which in turn alerts the carer via vibration and lights.

### Features include (Vibrating Pager);

- ⚡ Dimensions (HxWxD): 90x58x30 mm
- ⚡ Colour: metallic silver
- ⚡ Weight: 90g
- ⚡ Power supply: 2x AAA LR3 1.5 V batteries

### Features include (Combi II Transmitter);

- ⚡ Plug and Play connection to the Altec Response
- ⚡ Dimensions (HxWxD): 145x50x40 mm
- ⚡ Colour: metallic silver
- ⚡ Weight: 140g
- ⚡ Power supply: 9 V battery or 9V / 1A PSU (1,8 m)
- ⚡ Transmission frequency: 868.35 MHz



SENSORY  
IMPAIRMENT

## TELEHEALTH PRODUCT RANGE

The Telehealth product range is compatible with V2.0 SayPhone 21 At-Home alarm units and V2.0 Advent xt warden call systems.

The Telehealth data stored in the SayPhone 21 or Advent xt system can be downloaded and analysed using V2.0 Altera Care software.

Additional Telehealth sensors may be available in the future as technology evolves.

Tynetec operates a policy of continual product development and reserves the right to change the specification of equipment without notice.



## TELEHEALTH INTERFACE inc Diabetes Monitor

The Telehealth Interface can be used with a range of industry standard sensors for measuring patient weight, blood pressure, pulse and blood oxygen level.

Readings from these sensors are displayed on the interface before being transmitted to the SayPhone 21 At Home Alarm Unit or Advent xt system.

Similarly the unit can be used to enter diabetes measurements by way of the onboard keypad. Again, the information is transmitted to the SayPhone 21 At Home Alarm Unit or Advent xt system.

This data is stored in local memory with the time & date for remote download and analysis using Tynetec's Altera Care software.

### Features include;

- ⚡ Portable hand held case
- ⚡ Easy-clean membrane keypad
- ⚡ Blue LED graphic display
- ⚡ Easy-to-navigate display menu's
- ⚡ Sensor data is displayed & transmitted
- ⚡ Battery low warning - user replaceable 9V MN1604 battery
- ⚡ Dimensions: 195 x 100 x 50 mm (HxWxD)
- ⚡ Weight: 530 grams
- ⚡ Range: 75 metres (typical)
- ⚡ Telehealth Interface Part No. ZXT460
- ⚡ Compatible with the latest SayPhone 21 and Advent xt systems



TELEHEALTH  
RANGE



## PRECISION WEIGHT SCALE

The patient's weight is displayed on the Scales and the Telehealth Interface before being transmitted and logged with the time & date in the SayPhone 21 or Advent xt memory.

### Features include;

- ⚡ Manufacturer/Model: A&D UC-321P
- ⚡ Very low profile easy to step-on scale
- ⚡ Foot operated measurement start button
- ⚡ Large LCD display
- ⚡ Maximum capacity 150kg (50g resolution)
- ⚡ Body Mass Index (BMI) calculation
- ⚡ Target Weight setting
- ⚡ User replaceable 4 x AA batteries
- ⚡ Precision Weight Scale Part No. W00900
- ⚡ Compatible with Tynetec Telehealth Interface



TELEHEALTH  
RANGE

## BLOOD PRESSURE MONITOR

The patient's blood pressure & pulse is displayed on the Monitor and the Telehealth Interface before being transmitted and logged with the time & date in the SayPhone 21 or Advent xt memory.

### Features include;

- ⚡ Manufacturer/Model: A&D UA-767PC
- ⚡ Supplied with medium size upper arm cuff
- ⚡ Easy one-touch measurement with large LCD display
- ⚡ Automatic inflation and measurement cycle
- ⚡ Systolic, Diastolic and Pulse readings
- ⚡ User replaceable 4 x AA batteries
- ⚡ Blood Pressure Monitor Part No. W00910
- ⚡ Also require RS232 Lead Part No. W00911
- ⚡ Compatible with Tynetec Telehealth Interface



TELEHEALTH  
RANGE

## PULSE OXIMETER SENSOR

The patients pulse and blood oxygen level is displayed on the Telehealth Interface before being transmitted and logged with the time & date in the SayPhone 21 or Advent xt memory.

### Features include;

- ⚡ Manufacturer/Model: Nonin 8000AA
- ⚡ Re-useable adult Finger Clip Sensor with 1 metre Lead
- ⚡ Suitable for patients over 30kg (66lbs)
- ⚡ Comfortable, self aligning grips assure proper placement
- ⚡ Easy to clean for convenience and reliability
- ⚡ Automatic calibration
- ⚡ Pulse (bpm) and Blood Oxygen % Level (SpO2) readings
- ⚡ Pulse Oximeter Part No. W00920
- ⚡ Compatible with Tynetec Telehealth Interface



TELEHEALTH  
RANGE

## SAYPHONE ACCESSORIES

The following accessories are available for installation with SayPhone At-Home alarm units.

Tynetec operates a policy of continual product development and reserves the right to change the specification of equipment without notice.

## GSM BASE STATION

The GSM Base Station can be used when a SayPhone is installed in a remote location without a telephone line. They can also be used where there is need for a secure connection that cannot be tampered with ie. witness protection, domestic violence, etc.

### Features include;

- ⚡ Landline functionality over the GSM network
- ⚡ Integral antenna
- ⚡ Single SIM card
- ⚡ Supplied with mains adapter
- ⚡ Dimensions: 150 x 122 x 42 mm (HxWxD)
- ⚡ GSM Base Station Part No. W02100
- ⚡ Compatible with Reach, SayPhone V2 and SayPhone 21



PERSONAL  
SECURITY

## SAFE CALL UNIT

The Safe Call Unit is used to automatically disconnect any telephone extensions that appear engaged or off-hook when a SayPhone Alarm Unit needs to call out for assistance.

### Features include;

- ⚡ 1 Safe Call unit is required per telephone extension
- ⚡ Simply plug in-line with extension telephones
- ⚡ No tools or rewiring required
- ⚡ Safe Call Part No. ZSA260
- ⚡ Dimensions: 73mm x 51mm x 25mm
- ⚡ Weight: 52 grams
- ⚡ Compatible with Reach, SayPhone v2 and SayPhone 21



PERSONAL  
SECURITY

## BIG BUTTON TELEPHONE

The Big Button Telephone is designed for ease of use by the elderly or infirm with many useful features including deaf aid amplification, ringer tone volume/pitch control, message waiting/call indicator lamp and one-touch memory buttons.

### Features include;

- ⚡ Amplify button to increase the callers voice
- ⚡ Hearing aid T-position compatible
- ⚡ 3 ringer tone volume settings (off/low/high)
- ⚡ 3 ringer tone pitch settings (low/medium/high)
- ⚡ Message waiting/call indicator lamp
- ⚡ 1471 last caller button
- ⚡ 1571 voice mail button
- ⚡ 3 one-touch memory buttons
- ⚡ 10 number quick dial memory
- ⚡ Requires 2 x AAA batteries (not included)
- ⚡ Big Button Telephone Part No. ZCS850
- ⚡ Compatible with Reach, SayPhone V2 and SayPhone 21



VISUAL & HEARING  
IMPAIRMENT

## ADSL MICRO-FILTER

When the SayPhone is installed in homes with ADSL Broadband a poor quality filter can be the cause of failed dial attempts. This high quality "Tynetec Approved" micro-filter ensures that the ADSL service will run at maximum performance and telephone calls will be free from interference.

### Features include;

- ⚡ Built using high quality, low tolerance components
- ⚡ ADSL Micro-filter Part No. W00409
- ⚡ Compatible with Reach, SayPhone V2 and SayPhone 21



SAFETY  
OPTION

## HARDWIRED INPUT LEAD

The Hardwired Input Lead plugs into the SayPhone Data Port to allow an auxiliary input device such as a pullcord or smoke detector etc. to be connected. These devices must have their own power supply (if applicable) and they must have normally open clean contacts that close on alarm.

### Features include;

- ⚡ Simple plug-in connection to the SayPhone Data Port
- ⚡ 1.5 metre lead with USB (V2) or RJ45 (21) plug
- ⚡ Fully programmable input device type & location
- ⚡ SayPhone V2 supports 2 inputs
- ⚡ SayPhone V2 Hardwired Input Lead Part No. ZSA250
- ⚡ SayPhone 21 supports 4 inputs
- ⚡ SayPhone 21 Hardwired Input Lead Part No. ZSA200



INPUTS  
ONLY

## HARDWIRED I/O UNIT

The Hardwired I/O Unit allows up to 4 hardwired inputs and 1 output to be connected to a SayPhone 21. Hardwired devices such as pullcords or smoke detectors etc. must have their own power supply (if applicable) and they must have normally open clean contacts that close on alarm. The relay output can be activated by the Control Centre to release an electric door lock.

### Features include;

- ⚡ Simple plug-in connection to the SayPhone 21 Data Port
- ⚡ ABS enclosure with screw on lid
- ⚡ 1.5 metre lead with locking RJ45 plug
- ⚡ Screw terminals for inputs/output
- ⚡ 24V/1A rated changeover relay contacts
- ⚡ Fully programmable input device types & locations
- ⚡ Programmable relay output duration (1-60 seconds)
- ⚡ Hardwired I/O Unit Part No. ZSA210
- ⚡ Compatible with SayPhone 21 only



4 INPUTS AND  
1 OUTPUT

## MONITORED HARDWIRED I/O UNIT

The Monitored Hardwired I/O Unit allows up to 6 hardwired inputs and 1 output to be connected to a SayPhone 21. Each input can be set for normally open or normally closed contacts. The I/O unit is monitored by the SayPhone 21 and if it becomes disconnected an alarm will be reported.

### Features include;

- ⚡ Simple plug-in connection to the SayPhone 21 Data Port
- ⚡ 1.5 metre lead with locking RJ45 plug
- ⚡ Screw terminals for inputs/output
- ⚡ 12V/1A rated changeover relay contacts
- ⚡ Fully programmable input device types & locations
- ⚡ Programmable relay output duration (1-60 seconds)
- ⚡ Monitored Hardwired I/O Unit Part No. ZSA220
- ⚡ Compatible with SayPhone 21 only



6 MONITORED  
INPUTS & 1 OUTPUT

# Trusted Technology. Caring for People

Tynetec Limited,  
Cowley Road,  
Blyth Riverside Business Park,  
Blyth, Northumberland  
NE24 5TF

Tel: **01670 352 371**

Fax: **01670 362 807**

[www.tynetec.co.uk](http://www.tynetec.co.uk)